

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110718\
 Data File : BM017539.D
 Acq On : 06 Nov 2018 22:28
 Operator : MJ/SJ
 Sample : J5805-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 07 08:37:23 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM101718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 29 15:08:36 2018
 Response via : Initial Calibration

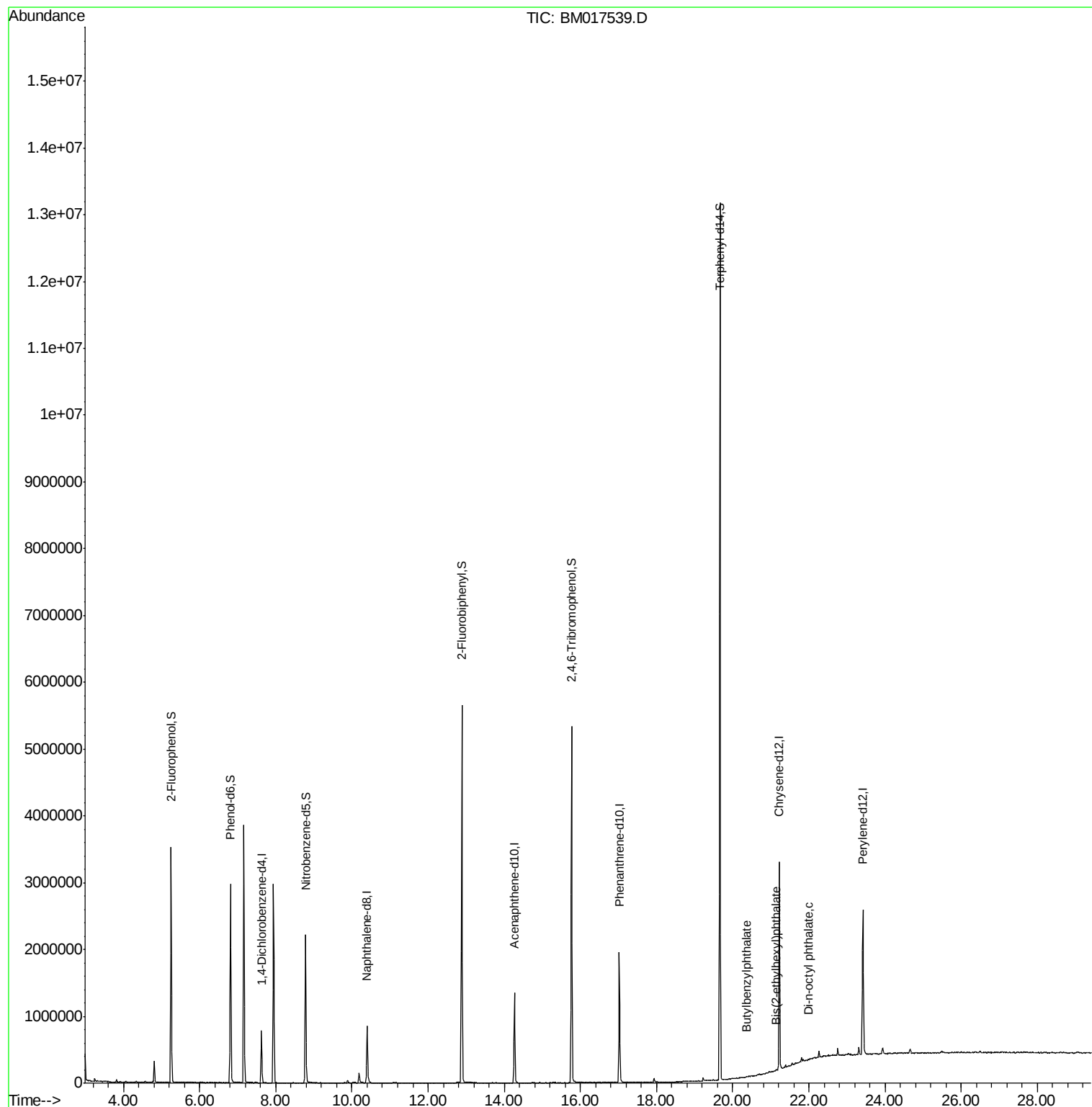
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	201336	20.00	ng	-0.02
21) Naphthalene-d8	10.40	136	758222	20.00	ng	-0.02
39) Acenaphthene-d10	14.27	164	456133	20.00	ng	-0.02
64) Phenanthrene-d10	17.02	188	1156384	20.00	ng	-0.02
76) Chrysene-d12	21.22	240	1462389	20.00	ng	-0.02
87) Perylene-d12	23.42	264	1557617	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1369984	115.09	ng	-0.01
7) Phenol-d6	6.81	99	1589099	98.02	ng	-0.02
23) Nitrobenzene-d5	8.78	82	1246221	96.13	ng	-0.02
42) 2,4,6-Tribromophenol	15.77	330	933820	151.38	ng	-0.02
45) 2-Fluorobiphenyl	12.89	172	2941192	85.79	ng	-0.02
79) Terphenyl-d14	19.67	244	5887072	90.74	ng	-0.02
Target Compounds						
80) Butylbenzylphthalate	20.37	149	413	7.19	ng	# 33
84) Bis(2-ethylhexyl)phthalate	21.15	149	4423	5.39	ng	# 92
85) Di-n-octyl phthalate	22.00	149	550	5.58	ng	# 1

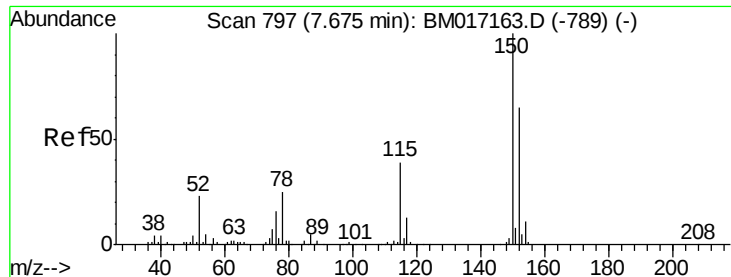
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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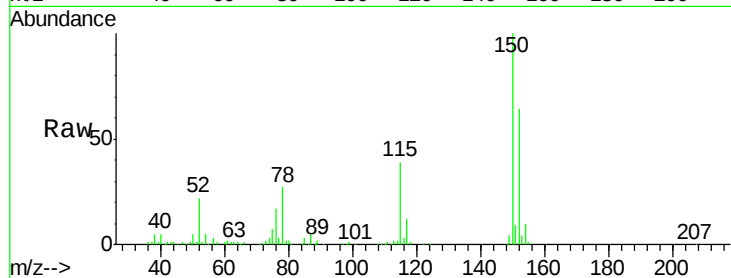


#1

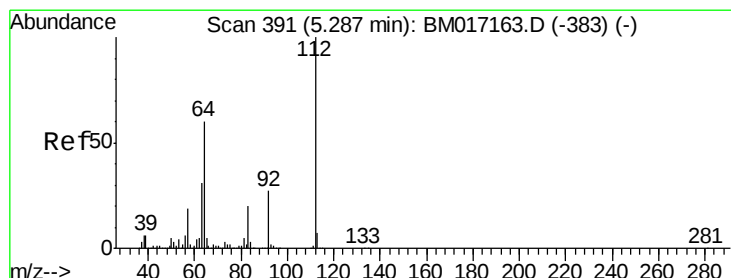
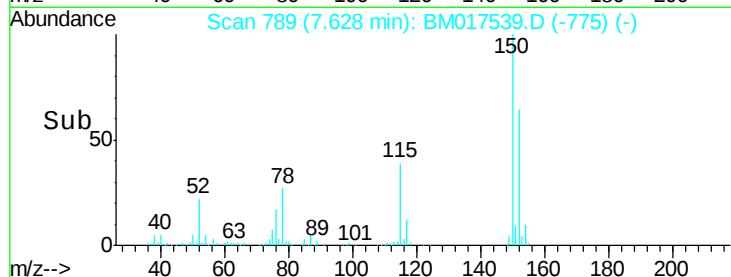
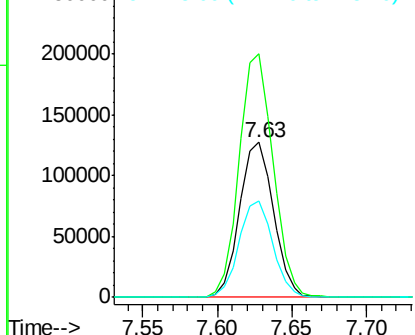
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.63 min Scan# 789
Delta R.T. -0.02 min
Lab File: BM017539.D
Acq: 06 Nov 2018 22:28

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	124.3	186.5
115	61.9	48.1	72.1



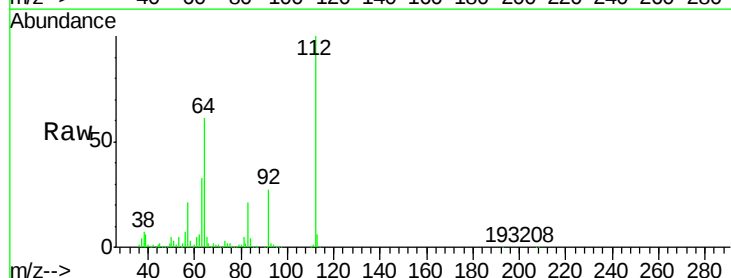
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



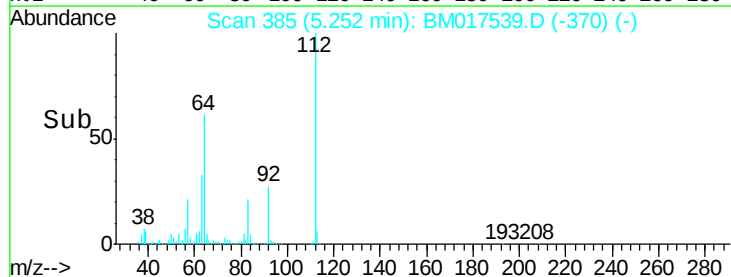
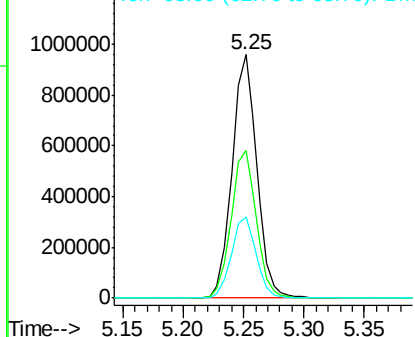
#5

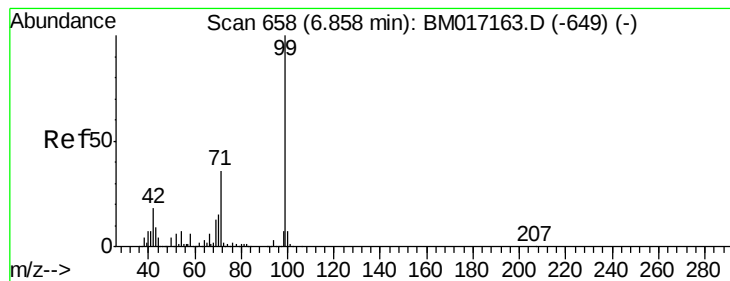
2-Fluorophenol
Concen: 115.09 ng
RT: 5.25 min Scan# 385
Delta R.T. -0.01 min
Lab File: BM017539.D
Acq: 06 Nov 2018 22:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.9	41.7	62.5
63	33.1	23.0	34.4



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 98.02 ng

RT: 6.81 min Scan# 650

Delta R.T. -0.02 min

Lab File: BM017539.D

Acq: 06 Nov 2018 22:28

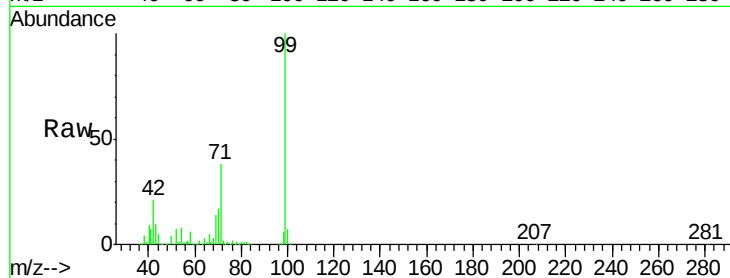
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 99 Resp: 1589099

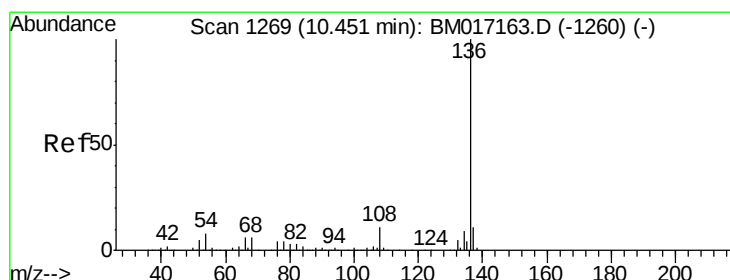
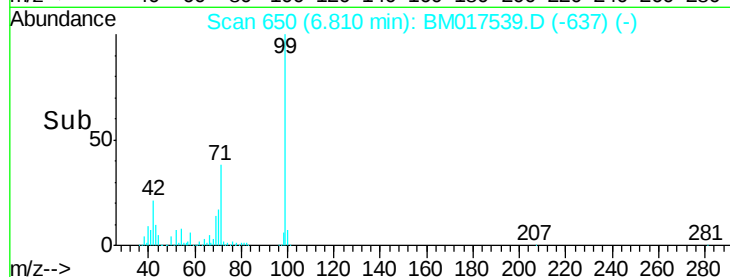
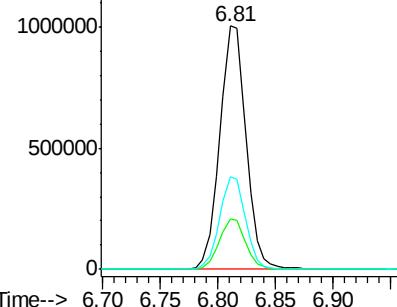
Ion	Ratio	Lower	Upper
99	100		
42	20.8	13.3	19.9#
71	38.2	28.0	42.0



Abundance Ion 99.00 (98.70 to 99.70): BM017163.D (-649) (-)

Ion 42.00 (41.70 to 42.70): BM017163.D (-649) (-)

Ion 71.00 (70.70 to 71.70): BM017163.D (-649) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.40 min Scan# 1260

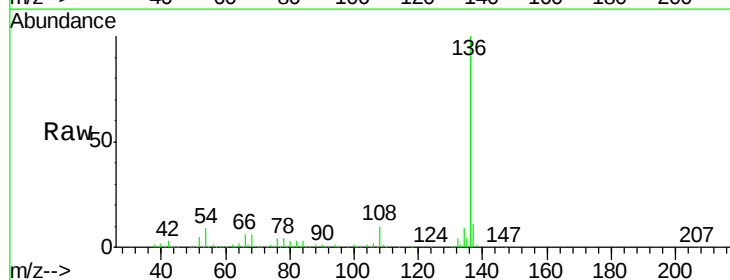
Delta R.T. -0.02 min

Lab File: BM017539.D

Acq: 06 Nov 2018 22:28

Tgt Ion: 136 Resp: 758222

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	9.2	6.7	10.1
68	6.0	4.7	7.1

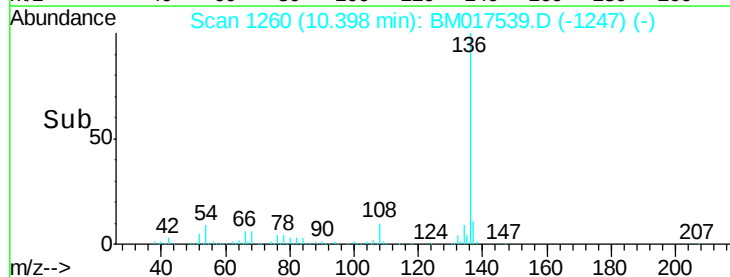
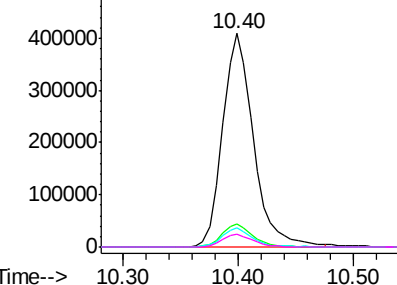


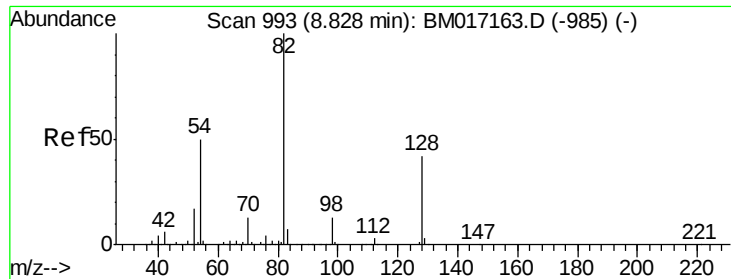
Abundance Ion 136.00 (135.70 to 136.70): BM017163.D (-1260) (-)

Ion 137.00 (136.70 to 137.70): BM017163.D (-1260) (-)

Ion 54.00 (53.70 to 54.70): BM017163.D (-1260) (-)

Ion 68.00 (67.70 to 68.70): BM017163.D (-1260) (-)

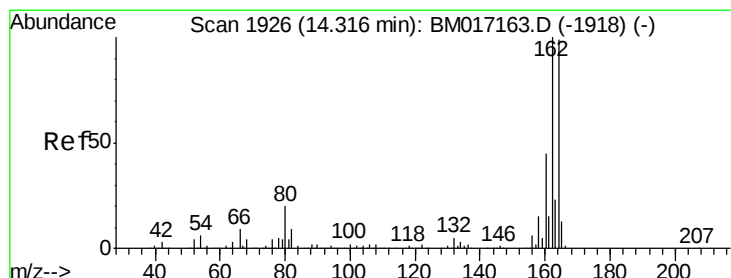
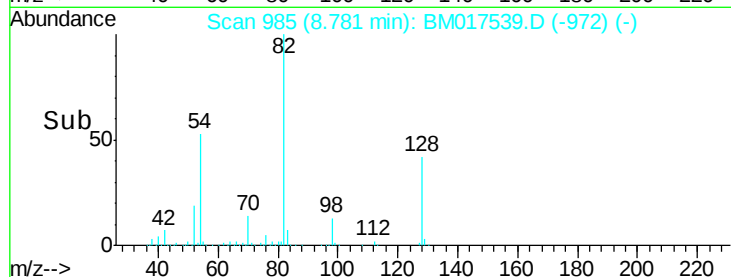
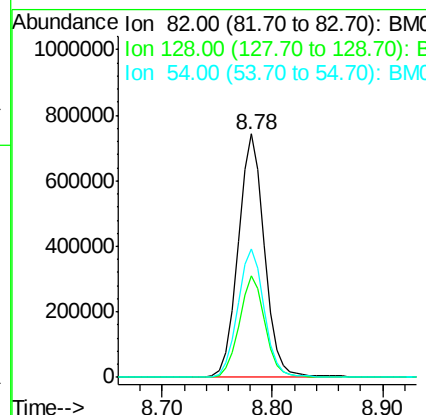
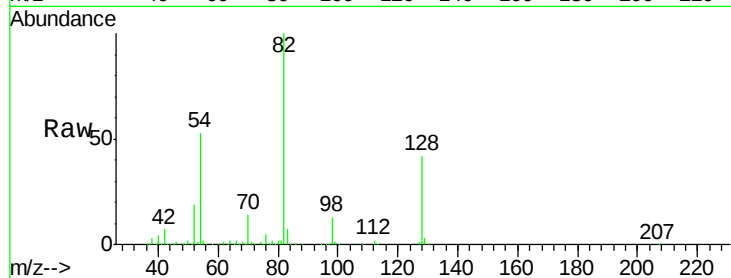




#23
Nitrobenzene-d5
Concen: 96.13 ng
RT: 8.78 min Scan# 985
Delta R.T. -0.02 min
Lab File: BM017539.D
Acq: 06 Nov 2018 22:28

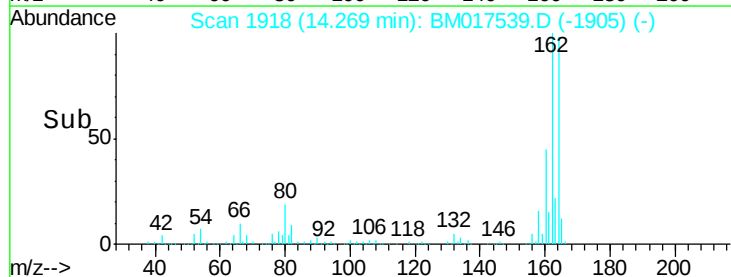
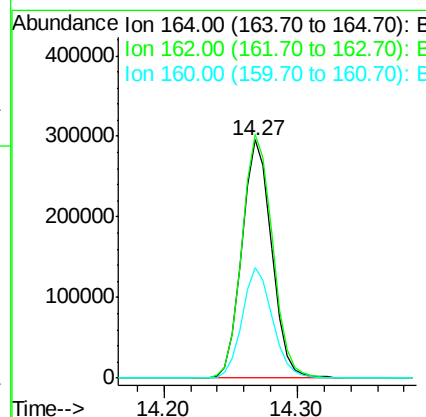
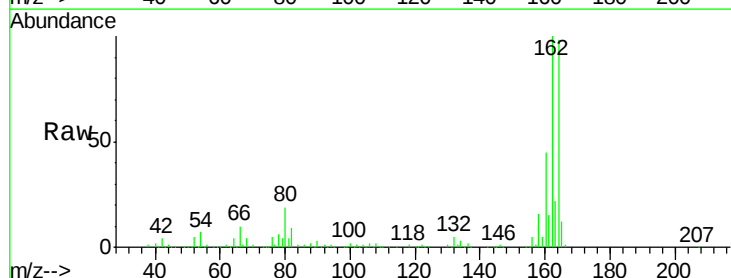
Instrument :
BNA_M
ClientSampleID :

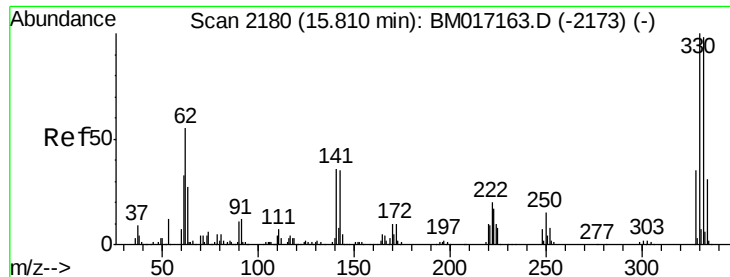
Tot Ion: 82 Resp: 1246221
Ion Ratio Lower Upper
82 100
128 41.7 37.0 55.6
54 53.0 40.7 61.1



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.27 min Scan# 1918
Delta R.T. -0.02 min
Lab File: BM017539.D
Acq: 06 Nov 2018 22:28

Tgt Ion:164 Resp: 456133
Ion Ratio Lower Upper
164 100
162 102.3 82.1 123.1
160 46.4 40.2 60.2

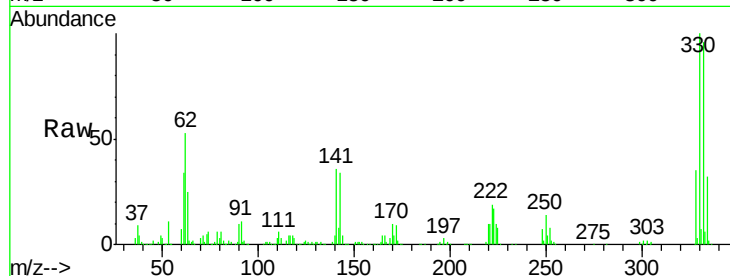




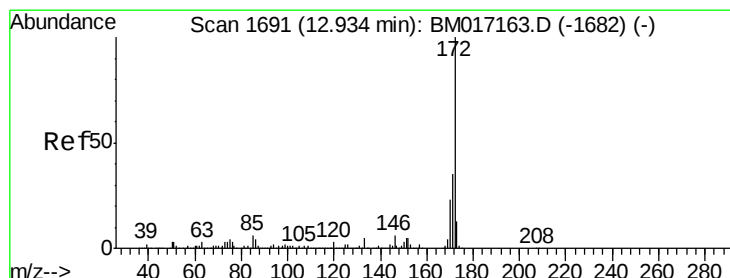
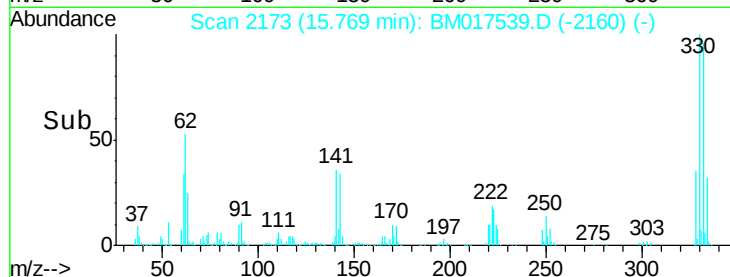
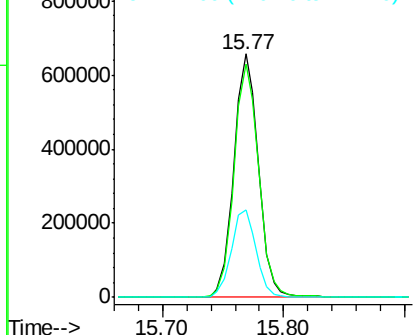
#42
 2,4,6-Tribromophenol
 Concen: 151.38 ng
 RT: 15.77 min Scan# 2173
 Delta R.T. -0.02 min
 Lab File: BM017539.D
 Acq: 06 Nov 2018 22:28

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.3	115.9
141	36.5	27.4	41.0

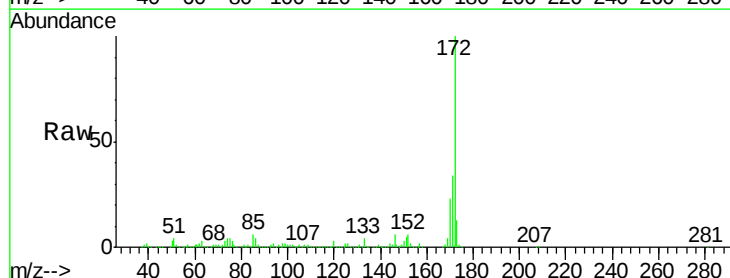


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

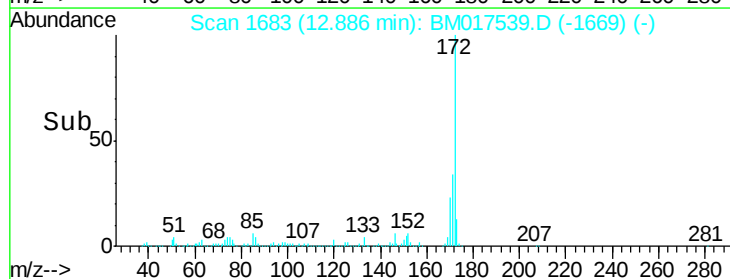
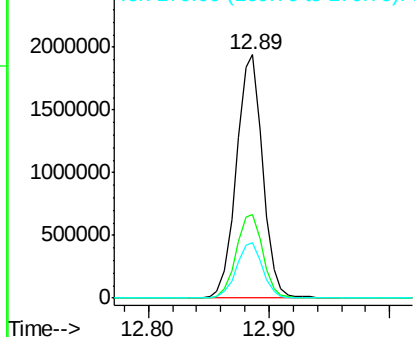


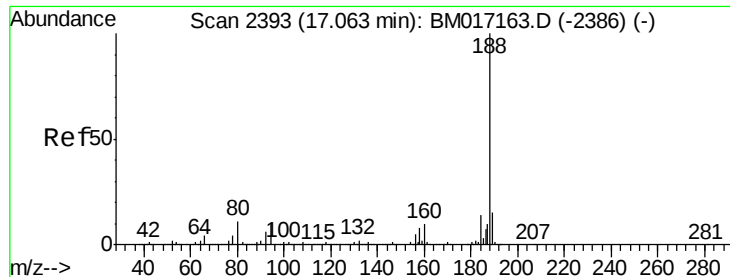
#45
 2-Fluorobiphenyl
 Concen: 85.79 ng
 RT: 12.89 min Scan# 1683
 Delta R.T. -0.02 min
 Lab File: BM017539.D
 Acq: 06 Nov 2018 22:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.2	28.3	42.5
170	22.8	18.3	27.5



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.02 min Scan# 2386

Delta R.T. -0.02 min

Lab File: BM017539.D

Acq: 06 Nov 2018 22:28

Instrument :

BNA_M

ClientSampled :

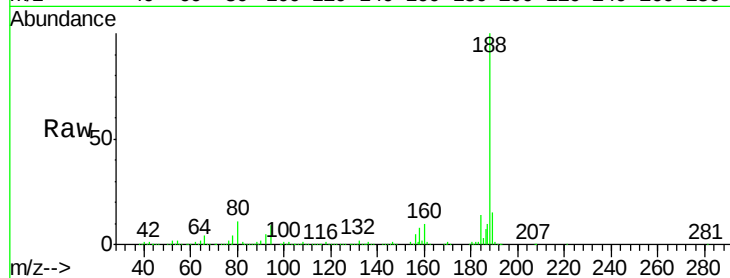
Tot Ion:188 Resp: 1156384

Ion Ratio Lower Upper

188 100

94 8.7 7.0 10.4

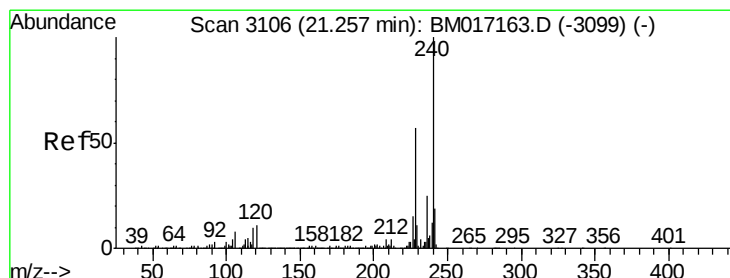
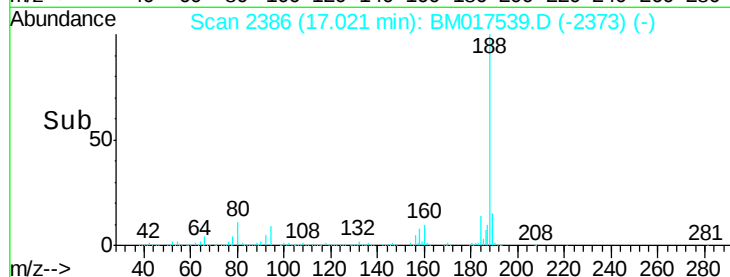
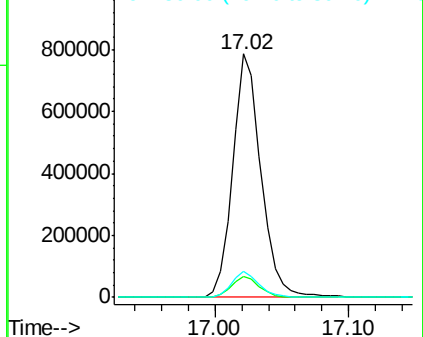
80 10.7 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.22 min Scan# 3100

Delta R.T. -0.02 min

Lab File: BM017539.D

Acq: 06 Nov 2018 22:28

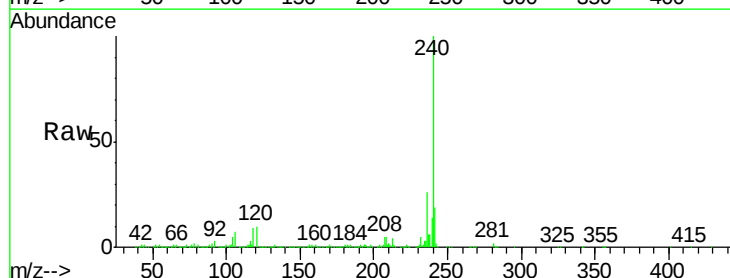
Tgt Ion:240 Resp: 1462389

Ion Ratio Lower Upper

240 100

120 9.8 8.1 12.1

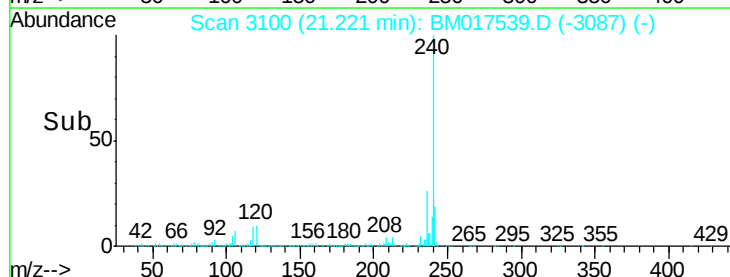
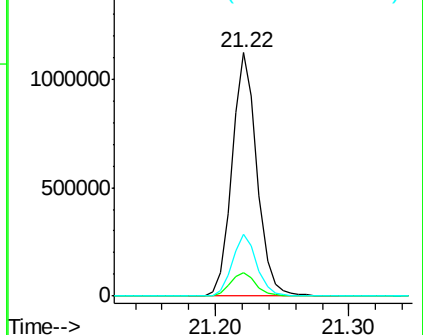
236 25.6 19.9 29.9

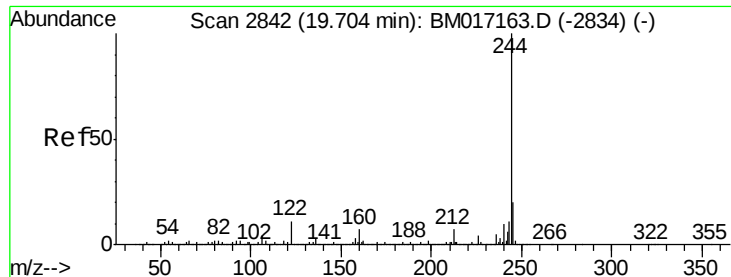


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 90.74 ng

RT: 19.67 min Scan# 2836

Delta R.T. -0.02 min

Lab File: BM017539.D

Acq: 06 Nov 2018 22:28

Instrument :

BNA_M

ClientSampleId :

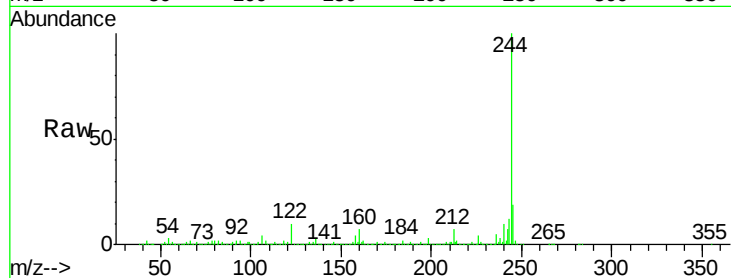
Tot Ion:244 Resp: 5887072

Ion Ratio Lower Upper

244 100

212 7.3 5.5 8.3

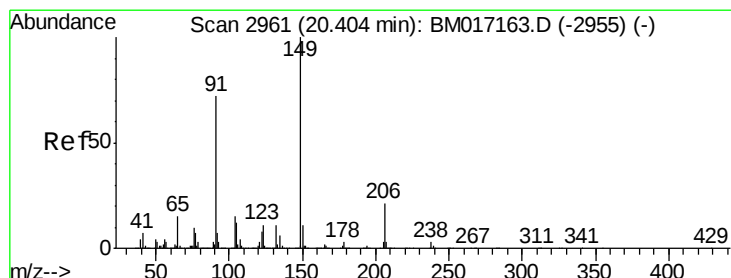
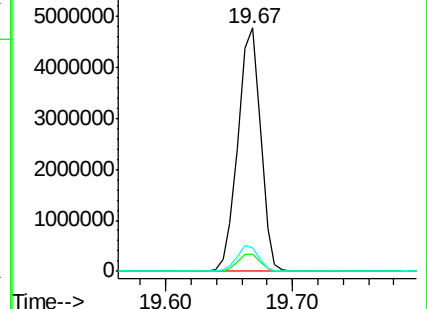
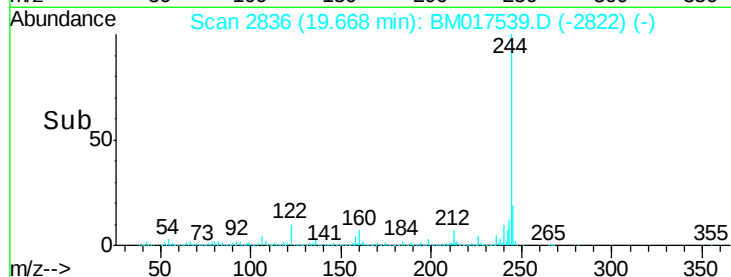
122 9.9 8.4 12.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 7.19 ng

RT: 20.37 min Scan# 2955

Delta R.T. -0.02 min

Lab File: BM017539.D

Acq: 06 Nov 2018 22:28

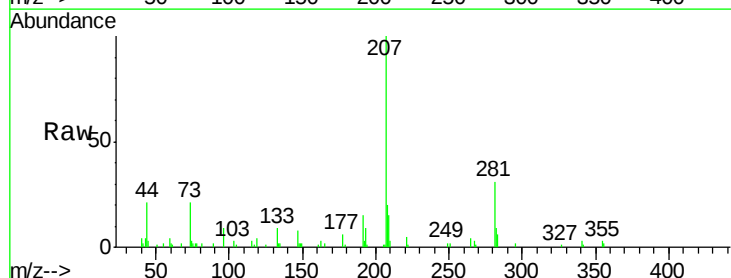
Tgt Ion:149 Resp: 413

Ion Ratio Lower Upper

149 100

91 0.0 51.3 76.9#

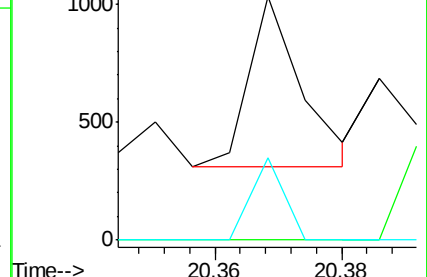
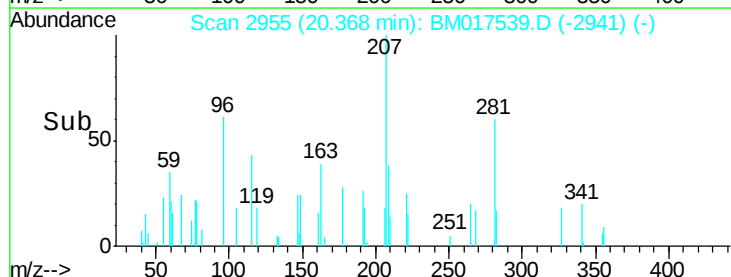
206 33.8 18.0 27.0#

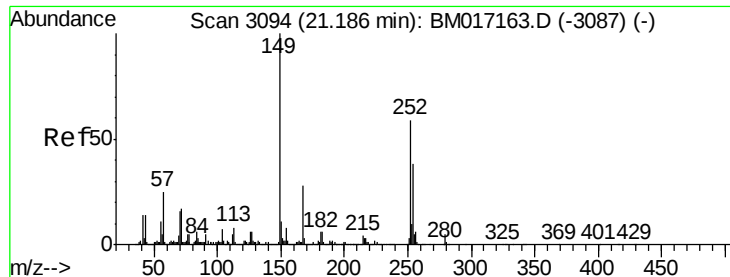


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E

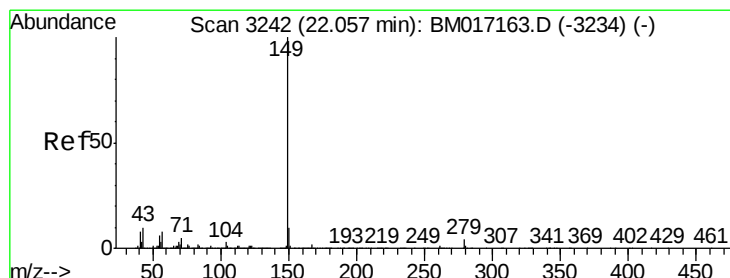
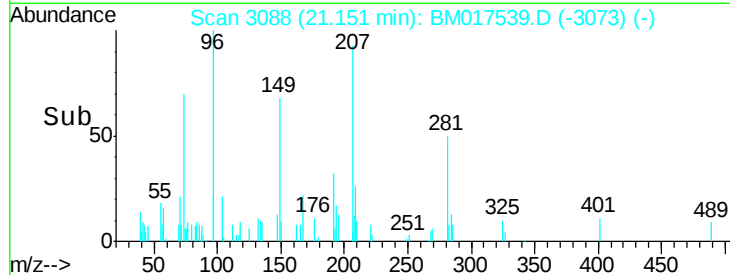
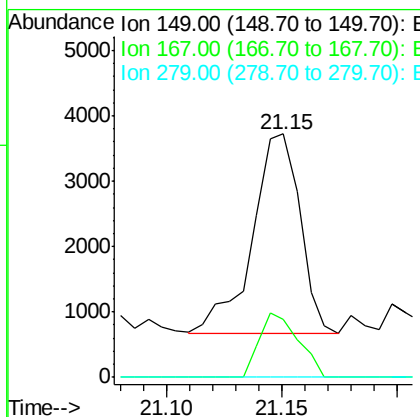
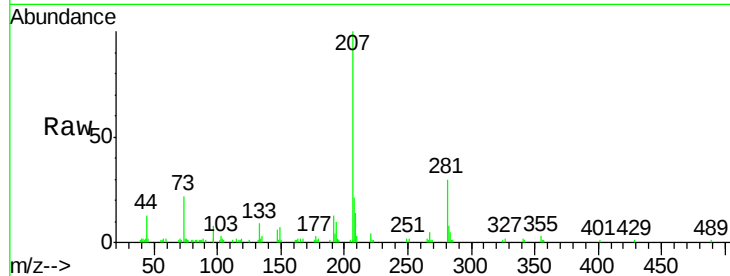




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 5.39 ng
 RT: 21.15 min Scan# 3088
 Delta R.T. -0.01 min
 Lab File: BM017539.D
 Acq: 06 Nov 2018 22:28

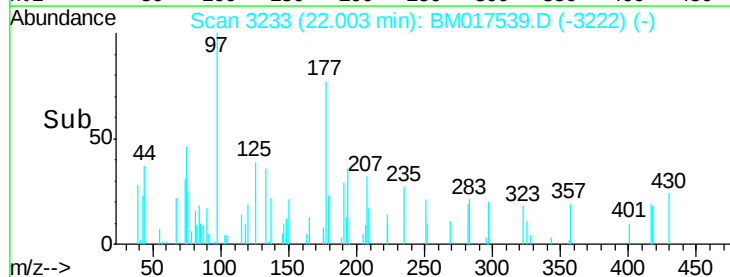
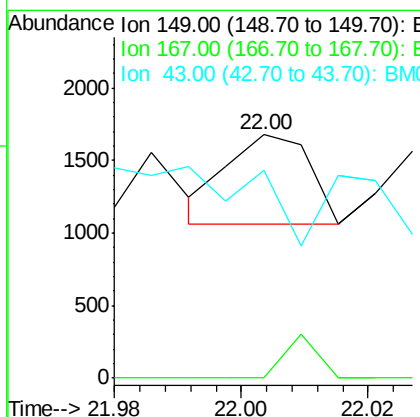
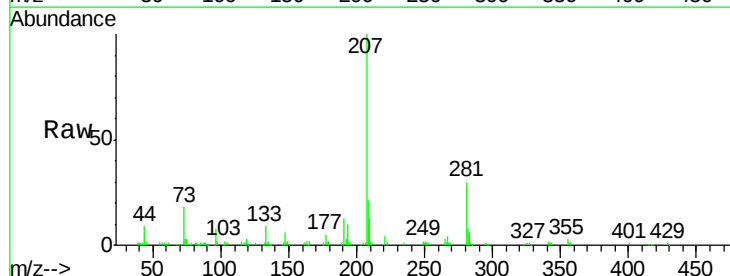
Instrument :
 BNA_M
 ClientSampleId :

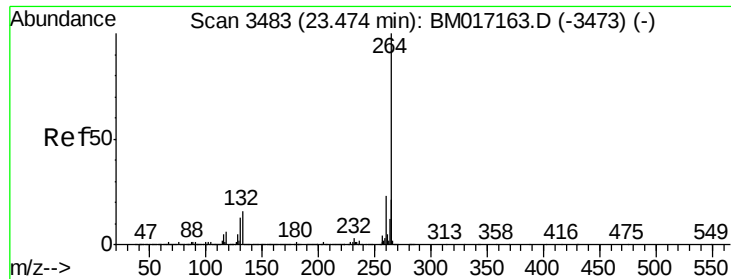
Tot Ion:149 Resp: 4423
 Ion Ratio Lower Upper
 149 100
 167 23.9 22.2 33.4
 279 0.0 3.6 5.4#



#85
 Di-n-octyl phthalate
 Concen: 5.58 ng
 RT: 22.00 min Scan# 3233
 Delta R.T. -0.04 min
 Lab File: BM017539.D
 Acq: 06 Nov 2018 22:28

Tgt Ion:149 Resp: 550
 Ion Ratio Lower Upper
 149 100
 167 19.3 1.4 2.0#
 43 64.0 7.2 10.8#





#87
Pervlene-d12
Concen: 20.00 ng
RT: 23.42 min Scan# 3474
Delta R.T. -0.03 min
Lab File: BM017539.D
Acq: 06 Nov 2018 22:28

Instrument :
BNA_M
ClientSampleId :

Tot Ion:264 Resp: 1557617

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.6	27.8
265	22.2	17.8	26.8

